MOTOROLA

MOTOROLA **RAZR**™

LIFE. POWERED.

CONGRATULATIONS

MOTOROLA RAZR™

Introducing the powerful smartphone in a RAZR slim design! MOTOROLA **RAZR** has tons of advanced features for everything you want to do—video, web browsing, multimedia and more.

- A blistering fast dual-core 1.2 GHz processor lets you download webpages in under a second, and makes multi-tasking a breeze.
- Use MotoCast to stream or download music, videos and documents to your smartphone, and upload photos and files to your computer.
- Use your 8 MP camera to capture life's moments in full 1080p HD video. Your smartphone's 4.3" qHD Super AMOLED Advanced display makes video playback crisper and more vivid than ever before.

Note: Certain apps and features may not be available in all countries.

Caution: Before assembling, charging or using your phone for the first time, please read the important legal and safety information in this guide.

This product meets the applicable limit for exposure to radio waves (known as SAR) of 2.0 W/kg (ICNIRP). The limits and guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The highest SAR values measured for this device are listed in the regulatory information packaged with your product.

Note: When using the product while worn on your body, either use an approved accessory, such as a holster, or maintain a distance of 2.5 cm (1 inch) from the body to ensure compliance with SAR requirements. Note that the product may be transmitting even if you are not making a phone call.

MORE

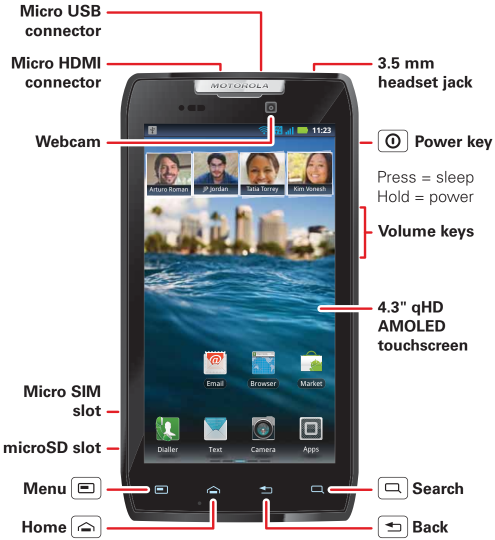
- **Answers:** Touch ▣ > ? **Help centre**.
- **Updates:** Smartphone updates, computer software, user guides, online help and more at www.motorola.com/myrazr.
- **Accessories:** Find accessories for your smartphone at www.motorola.com/products.

Notes:

- All screens in this guide are simulated. Actual displays may vary.
- Instructions to perform tasks in this guide may change depending on the software version on your smartphone.
- Unless specified otherwise, all instructions to perform tasks in this guide assume that you are starting from the home screen.

YOUR SMARTPHONE

the important keys & connectors


Micro USB connector
Micro HDMI connector
3.5 mm headset jack
MOTOROLA
Webcam
11:23
Power key
Press = sleep
Hold = power
Arturo Roman
JP Jordan
Tatia Torrey
Kim Vonesh
Volume keys
4.3" qHD AMOLED touchscreen
Email
Browser
Market
Micro SIM slot
microSD slot
Dialler
Text
Camera
Apps
Menu
Search
Home
Back

Note: Your smartphone might look a little different.

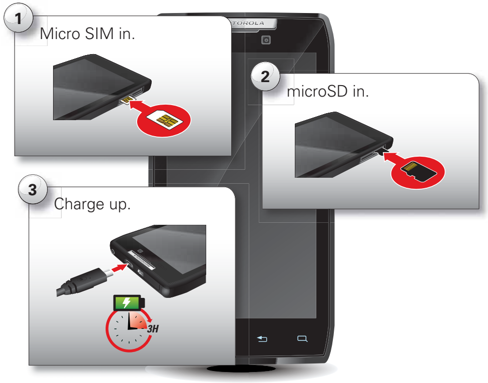
CONTENTS

LET'S GO 3
TOUCHSCREEN & KEYS 5
HOME SCREEN 7
APPS & UPDATES 10
CALLS 12
CONTACTS 15
MESSAGING 18
TEXT ENTRY 20
SOCIAL NETWORKING 22
TIPS & TRICKS 23
WEBTOP APPLICATION 24
DIGITAL LIVING 25
PHOTOS & VIDEOS 26
MUSIC 31
WEB 35
PERSONALISE 36
LOCATION 38
WIRELESS 40
MEMORY CARD & FILE MANAGEMENT 44
TOOLS 45
MANAGEMENT 50
SECURITY 51
TROUBLESHOOTING 53
PRODUCT SAFETY & LEGAL 54

LET'S GO

let's get you up and running

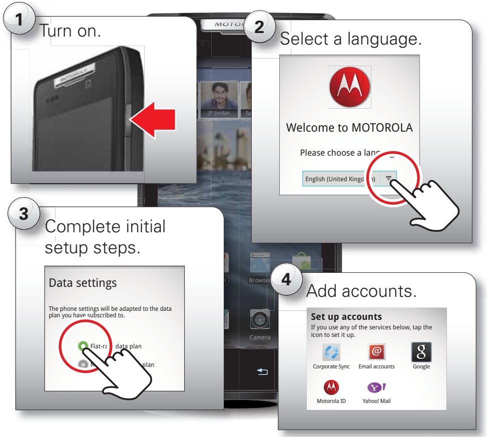
ASSEMBLE & CHARGE



Note: This product uses a non-removable battery. The battery should only be replaced by a Motorola-approved service facility. Any attempt to remove or replace your battery may damage the product.

Tip: To save battery life, see "**BATTERY TIPS**" on page 23.

SET UP & GO



1 Turn on.

2 Select a language.

3 Complete initial setup steps.

4 Add accounts.

Welcome to MOTOROLA
Please choose a lang
English (United Kingd
Data settings
The phone settings will be adapted to the data plan you have subscribed to.
Flat-ra data plan
plan
Set up accounts
If you use any of the services below, tap the icon to set it up.
Corporate Sync
Email accounts
Google
Motorola ID
Yahoo! Mail
JP Jordan
Browser
Camera

Note: Your phone supports data-intensive apps and services. It is strongly recommended that you purchase a data plan that meets your needs. Contact your service provider for details.

WI-FI CONNECT

If you want to use a Wi-Fi network for even faster Internet access, touch the status bar at the top of the home screen and drag it down. Touch the **Wi-Fi networks available** notification to select a preferred network.

You can also touch Menu ☰ > **Settings** > **Wireless & networks** > **Wi-Fi settings** to search for and connect to wireless networks. There's more in "**WI-FI NETWORKS**" on page 41.

COOL CONTENT & MORE

Browse and download thousands of the coolest apps on the planet from Android Market™.

Download new apps with "**BROWSE & INSTALL APPS**" on page 10. Your smartphone comes with a microSD memory card installed—you can fill it with photos, videos and music from your computer (see "**MEMORY CARD**" on page 44).

TOUCHSCREEN & KEYS

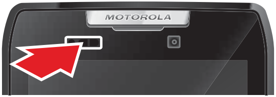
a few essentials

TOUCHSCREEN ON/OFF

Your touchscreen is on when you need it and off when you don't.

- To make your touchscreen sleep or wake up, just press Power ⏻.
- When you hold the smartphone to your ear during calls, your touchscreen sleeps to prevent accidental touches.
- To change how long your smartphone waits before the screen goes to sleep automatically, touch Menu ☰ > **Settings** > **Display** > **Screen timeout**.
- To make the screen lock when it goes to sleep, see "**SCREEN LOCK**" on page 51. To unlock the screen, press Power ⏻, then drag 🔒 to the right.

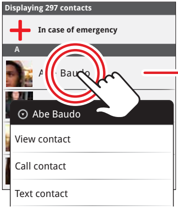
Note: Your touchscreen might stay dark if the sensor just above it is covered. Don't use covers or screen protectors (even clear ones) that cover this sensor.



TOUCH TIPS

It's all in the touch:

- **Touch:** Choose an icon or option.
- **Touch & hold:** Show options.
- **Drag:** Scroll or move slowly.
- **Flick:** Scroll or move quickly.
- **Zoom:** Slide fingers apart or together to zoom in or out on Google Maps™, webpages or photos.


Displaying 297 contacts

In case of emergency

A

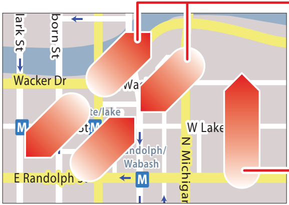
Abe Baudo

View contact

Call contact

Text contact

Touch & hold to show options.

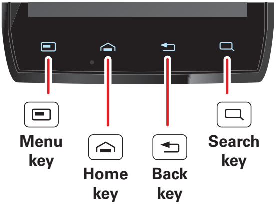


Slide two fingers apart or together to zoom in or out.

Drag or flick to scroll.

KEY TIPS

MENU, HOME, BACK & SEARCH



Touch Home to close any menu or app and return to the home screen. On the home screen, touch and hold Home to show the most recent apps used, then touch an app to open it.

Touch Menu to open menu options.

Touch Back to go back.

Touch Search for text search, or touch and hold for voice search.

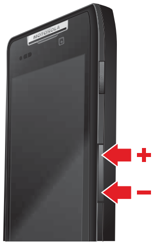
POWER KEY MENU

Press and hold Power to open the power key menu, where you can turn off your smartphone (**Power off**), turn off all wireless connections and put the phone into low-power **Sleep** mode or turn **Flight mode** or **Silent mode** on and off.

ADJUST VOLUME

Press the volume keys to change ring volume (on the home screen) or earpiece volume (during a call).

When playing music or video files, press the volume keys to adjust media volume.



ROTATE THE SCREEN

When you turn your smartphone, the touchscreen can rotate to stay right-side up:

Find it: Menu > **Settings** > **Display** > **Auto-rotate screen**

QUICK TIPS

If you're not sure what to do next, try one of these:

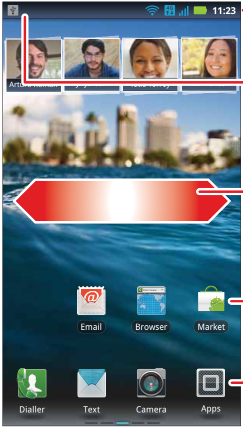
To...	
Get the details—Open a text message, see details for a contact or open items in other lists.	Touch the message, contact or item.
See screen menu—Open a menu for the current screen.	Touch Menu ☰.
See item options—Open an options menu (if available) for an item on the screen.	Touch & hold the item.
Start again—Go back to the home screen.	Touch Home ⌂.
Wake up your smartphone—Turn on a sleeping touchscreen.	Press Power ⏻.

HOME SCREEN

quick access to the things you need most

QUICK START: HOME SCREEN

The *home screen* gives you all your latest information in one place. It's what you see when you turn on the smartphone or touch Home ⌂ from a menu. It's basically like this:



Phone status bar

Notifications
Drag this bar down to see details.

Flick left or right to see more panels of widgets & shortcuts.

Shortcuts
Touch to open.

Open the app menu.

Note: Your home screen might look a little different.

The home screen extends left and right to give you more room for adding shortcuts, widgets and more. Flick the home screen left and right to see more *panels* or to add widgets or shortcuts.

Tip: From the home screen, touch Home ⌂ to see thumbnails of the five home screen panels. Touch a thumbnail to go to the panel.

USE & CHANGE YOUR HOME SCREEN

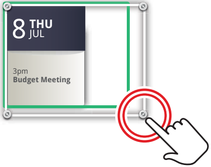
On your home screen, *shortcuts* are icons that open your favourite apps, web bookmarks, contacts, mail labels or music playlists. *Widgets* show you news, weather, messages and other updates.

To see other panels of shortcuts and widgets, flick the home screen left or right. Or, touch ⌂ and touch a thumbnail to go to the panel.

- To **open** something, touch it. Touch Home ⌂ to return to the home screen.

  Tip: When you open a widget, touch Menu ☰ to see any options or settings (you can choose accounts for **Calendar**, **Social networking**, **Social Status** or **Universal inbox** widgets).

  There's more about social networking widgets in "**YOUR SOCIAL NETWORKING ACCOUNT**" on page 22.



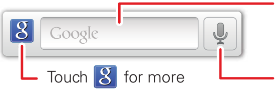
- To **resize** widgets, touch and hold a corner until you feel a vibration, then drag.
- To **add** something or change your wallpaper, touch and hold an empty spot until you see the **Add to Home screen** menu.

  You can add a folder to organise your shortcuts.
- To **move** or **delete** something, touch and hold it until you feel a vibration, then drag it to another spot, another panel or the bin 🗑 at the top of the screen.

  Shortcuts in the *dock* row at the bottom of the home screen always appear in all panel views. You can change the dock shortcuts (except the app menu icon ▣). Touch and hold a dock shortcut, then select the shortcut you want to replace it.

SEARCH

Touch Search 🔍, then use the window that appears.



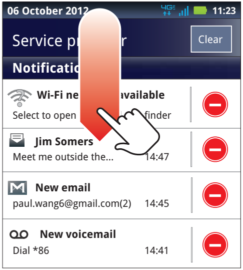
Touch here to enter text.

Touch g for more search options.

Touch 🎙 to search by voice.

SMARTPHONE STATUS & NOTIFICATIONS

Icons at the top of the screen notify you about messages and smartphone status. To view your notifications, touch the status bar and drag it down. Touch a notification to select it.



06 October 2012 11:23

Service p r Clear

Notificati

Wi-Fi ne available

Select to open finder

Jim Somers

Meet me outside the... 14:47

New email

paul.wang6@gmail.com(2) 14:45

New voicemail

Dial *86 14:41

To dismiss a single notification, touch ⊖. To dismiss all notifications, touch Clear.

📶	network (full signal)	3G	3G (fastest data)
R📶	network (roaming)	📶⊘	network (no connection)
◎	GPS active	⚠	warning
🛜	Wi-Fi in range	🛜	Wi-Fi connected
ᛒ	Bluetooth™ on	ᛒ	Bluetooth connected
Ψ	USB connected	⟳	sync
✆	active call	☎	missed call
✈	flight mode	▮	microSD card
✉	new text message	☑	alarm set
@	new email	▦	calendar
oo	new voicemail	▶	music
≋	vibrate	🔈	speakerphone on
🔇	sound off	🎙	call mute
⚡	battery (charging)	⬇	downloading
▬	battery (full charge)		

Tip: To see today's date, touch the status bar at the top of the screen.

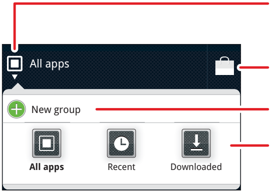
APPS & UPDATES

get the app you want

QUICK START: APPS & UPDATES

You can find all of your apps in one place. From the home screen, touch ▣ to open the app menu. To see all of your apps, flick left and right.

From the app menu, touch ▣ to view or create app groups.



Open the app groups menu.

Find new apps on Android Market™.

Create a new app group.

Choose which app group you want to see.

To close the app menu, touch Home ⌂ or Back ↩.

BROWSE & INSTALL APPS

Get all the fun games and cool apps you want! Android Market™ provides access to applications developed by developers worldwide, so you can find the app you want.

Find it: ▣ > 🛍 **Market**

Scroll to and touch the app you want to install. Then, touch **Install** (if app is free) or **Buy**.

New apps that you install are added to the app menu.

Tip: Find more apps by going to market.android.com on your computer.

Tip: Choose your apps and updates carefully, from trusted sites like 🛍 **Market**, as some may impact your phone's performance—see "**CHOOSE CAREFULLY**" on page 11.

Note: When installing an app, make sure you read the alerts that tell you what information the app will access. If you don't want the app to have access to this information, cancel the installation.

RECENT APPS

Your smartphone remembers the apps that you used most recently. From the home screen, touch and hold Home ⌂ to show the most recent apps used. From the app menu, touch ▣ > **Recent**.

MANAGE & RESTORE APPS

From the home screen, touch Menu ☰ > **Manage apps**.

Touch an app in the list, then touch **Uninstall** (for apps you downloaded), **Clear cache** or other options.

To reinstall apps from Android Market, touch > **Market**, then touch Menu > **My apps**. Previously installed apps are listed and available for download.

CHOOSE CAREFULLY

Apps are great. There's something for everyone. Play, communicate, work or have fun. But remember, choose your apps carefully. Here are a few tips:

- To help prevent spyware, phishing or viruses from affecting your phone or privacy, use apps from trusted sites, like **Market**.
- In **Market**, check the apps' ratings and comments before installing.
- If you doubt the safety of an app, don't install it.
- Like all apps, downloaded apps will use up memory, data, battery and processing power—some more than others. For example, a simple battery level widget will use less than a streaming music player app. After installing an app, if you're not happy with how much memory, data, battery or processing power it's using, uninstall it. You can always install it again later.
- Just like web browsing, you may want to monitor children's access to apps to help prevent exposure to inappropriate content.
- Certain apps may not provide completely accurate information. Take care, especially when it comes to personal health.

UPDATE MY SMARTPHONE

You can check, download and install smartphone software updates using your smartphone or your computer:

- Using your smartphone:

  You may get an automatic notification of an available update on your smartphone. Simply follow the instructions to download and install.

  To manually check for updates, touch Menu > **Settings** > **About phone** > **System updates**.

  Your smartphone downloads any updates over your mobile network. Remember, these updates can be quite large (25 MB or more) and may not be available in all countries. If you don't have an unlimited data plan, or mobile network updates are not available in your country, you can update using a computer.

- Using your computer:

  On your computer, go to www.motorola.com/myrazr and check the "Software" links. If an update is available, follow the installation instructions.

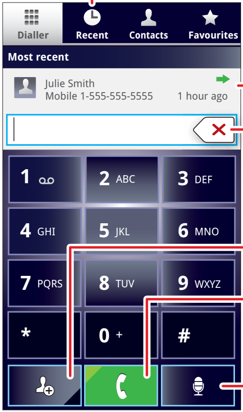
CALLS

it's good to talk

QUICK START: CALLS

DIALLING OPTIONS

From the home screen, touch **Dialler**.


Dialler
Recent
Contacts
Favourites
Most recent
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
*
0 +
#

Julie Smith
Mobile 1-555-555-5555
1 hour ago

Recent calls list
Touch an entry to call.

Return call

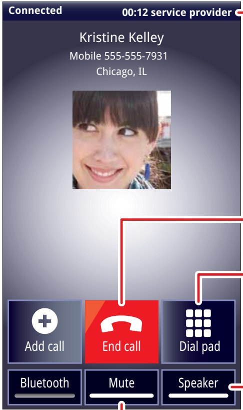
Backspace
Delete digits you entered.

Add number to contacts

Call
Enter a phone number & touch here to call it.

Voice dial

IN-CALL OPTIONS


Add call
End call
Dial pad
Bluetooth
Mute
Speaker

Connected 00:12 service provider

Kristine Kelley
Mobile 555-555-7931
Chicago, IL

Call timer

End call
Hang up.

Dial pad
Enter numbers during a call.

Speakerphone
Turn the speakerphone on or off.

Mute
Mute or unmute the call.

To use a Bluetooth™ device, touch **Bluetooth**. (The device must be turned on and previously paired—see "**CONNECT NEW DEVICES**" on page 42.)

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

Tip: You can touch Home ⌂ or Back ↩ to leave the active call display. To reopen it, touch Home ⌂ > **Dialler**.

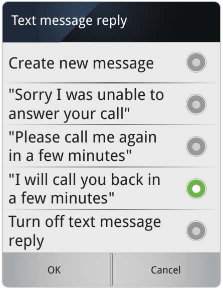
MAKE & ANSWER CALLS

To make a call, touch **Dialler**, enter a number, then touch ☎.

Tip: If the screen is locked, drag 🔒 to the right first.

To answer a call when the screen is active, touch Answer. When the screen is locked, answer by dragging ☎ to the right.

To ignore a call, touch Ignore. Your smartphone gives you the option to send a text message to the caller. Select a message and touch **OK** to send it, or touch **Cancel** to exit without sending a message.



Text message reply

Create new message ○

"Sorry I was unable to answer your call" ○

"Please call me again in a few minutes" ○

"I will call you back in a few minutes" ●

Turn off text message reply ○

Tip: To silence an incoming call alert, press Power ⏻ or the volume keys.

Note: When you hold the smartphone to your ear, the display goes dark to prevent accidental touches. When you move the smartphone away from your ear, the display lights up again.

RECENT CALLS

Find it: **Dialler** > **Recent**

- To select a call list, touch ▼ and select **All calls**, **Missed calls**, **Received calls** or **Outgoing calls**.
- To call a number, touch ☎ next to the entry.
- To send a text message, create a contact, view a contact or other options, touch and hold an entry.
- To clear the list, touch Menu ☰ > **Clear list**.

FREQUENT CALLS

Find it: **Dialler** > **Favourites**

- To call a number, touch ☎ next to the entry.
- To send a text message, view a contact or other options, touch and hold an entry.
- To add a contact to Favourites, touch the contact, then touch the star next to the contact's name. The star turns green.

CONFERENCE CALLS

To start a conference call, call the first number. After the call connects, touch **Add call**. Dial the next number, or select it from contacts or favourites. When the next number answers, touch **Merge**.

YOUR PHONE NUMBER

Find it: Menu ☰ > **Settings** > **About phone** > **Status** > **My phone number**

TTY MODE

Your smartphone can use an optional teletypewriter (TTY) device, for people who are hard of hearing or have a speech impairment.

1. Plug the TTY device into the smartphone's headset jack.
2. Touch Menu ☰ > **Settings** > **Call settings** > **TTY mode**, and choose a TTY setting.

EMERGENCY CALLS

Note: Your service provider programs one or more emergency phone numbers that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental or interference issues.

1. Touch ☎ **Dialler** (if your smartphone is locked, touch **Emergency call**).
2. Enter the emergency number.
3. Touch ☎ to call the emergency number.

Note: Your phone can use location based services (GPS and AGPS) to help the emergency services find you. See "**LOCATION SERVICES (GPS & AGPS)**" on page 57.

COOL DOWN

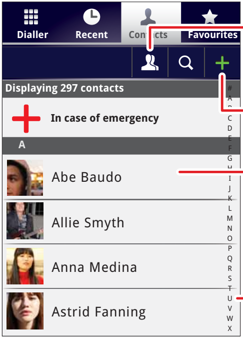
In very limited circumstances, such as where your phone has been exposed to extreme heat, you may see "Cool down" messages. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in "Cool down" mode, only emergency calls can be made.

CONTACTS

contacts like you've never had before

QUICK START: CONTACTS

Find it: ▣ > **Contacts**


Dialler
Recent
Contacts
Favourites
Displaying 297 contacts
In case of emergency
A
Abe Baudo
Allie Smyth
Anna Medina
Astrid Fanning
#
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X

Group
Create & view groups of contacts.

Add contacts.

Contacts list
Touch to view contact information. Touch & hold to call, send a text message & more.

Touch a letter to jump to contact names that start with the letter.

Tip: To search the list, touch 🔍 to open a touchscreen keypad, then type a name. When you flick or drag the list, a scroll bar appears that you can drag to move the list faster.

TRANSFER CONTACTS

Get all your contacts, all in one place. Here's a few helpful hints:

- Use Gmail™

  All your Gmail contacts will automatically get synced to your phone. Various computer applications for mobile phones and email accounts allow you to export your contacts as a ".CSV" file. You can then use Gmail to import the file. For more details, go to www.motorola.com/transfercontacts or log into your Gmail account on your computer and select "Help".

- More

  There are other methods and tools to help you at www.motorola.com/transfercontacts.

LINK CONTACTS

You might have two or more contacts for the same person, maybe a Gmail contact who is also stored on your phone, or one friend with two email addresses. To combine these contacts:

Find it: ▣ > **Contacts**

Touch a contact to open it, touch Menu ▭ > **Edit contact**, touch Menu ▭ > **Join**, touch the second contact, then touch **Save**.

CALL OR EMAIL CONTACTS

Find it: ▦ > 👤 **Contacts**

- To view contact information, touch the contact.
- To call, text, send an email or see other options, touch and hold the contact.
- To add a contact to Favourites, touch the contact, then touch the star next to the contact's name. The star turns green.

VIEW & USE CONTACTS

When you set up a social networking account (see "**SOCIAL NETWORKING**" on page 22), you'll know what everybody's up to and when. Every time you answer a call, check a message or look up a friend's contact info, you'll see their name and number, but you can see their social network status and smiling face too.

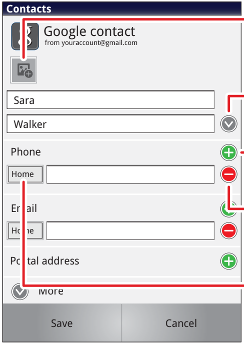
Find it: ▦ > 👤 **Contacts**

- To find a contact, touch 🔍 in the **Contacts** screen and type the contact name.

  Touch a contact to open its details. While viewing details, you can start a call or message by touching icons next to the phone number, email address or social network. To see your interactions with the person, touch **Contact history**.
- To change which group of contacts is shown (**All**, **Facebook** and so on), touch the filter name at the top.
- To change how you view the list of contacts, flick left or right at the bottom of the screen to select **History** (recently used), **A-Z** (list without status) or **Status** (list with status).

CREATE CONTACTS

Find it: ▦ > 👤 **Contacts** > ＋



Select a picture for the contact.

Add more name details.

Add another number.

Remove this number.

Set the number type.

Touch any entry area to open the touchscreen keypad.

When you've finished, touch **Save**.

Where are contacts saved? Your smartphone saves new contacts in its memory and on the Google Server, if you have an account. It also updates your social networking account.

EDIT OR DELETE CONTACTS

Find it: ▣ > 👤 **Contacts**

Touch the contact, then touch Menu ▭ > **Edit contact** or **Delete contact**.

SYNCHRONISE CONTACTS

When you change one of your contacts, your smartphone automatically updates your other social networking accounts. When you change a social networking friend, your smartphone updates your contacts.

PERSONALISE CONTACTS

Find it: ▣ > 👤 **Contacts**

Add a photo: Touch the contact, touch Menu ▭ > **Edit contact**, then touch 🖼.

Set a ringtone: Touch the contact, then touch Menu ▭ > **Options** > **Ringtone**.

GROUPS

Find it: ▣ > 👤 **Contacts** > 👥 > *group name*

You can put your contacts into groups that you create (like "friends", "family" or "work"). You can then find contacts faster by showing one group at a time.

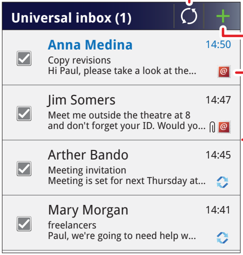
To create a new group, touch 👤 **Contacts** > 👥, then touch Menu ▭ > **New group**.

MESSAGING

sometimes it's best to text, IM or email. . .

QUICK START: MESSAGING

Find it: ▣ > ✉ **Messaging** > **Universal inbox**



Universal inbox (1)

☑ **Anna Medina** 14:50
Copy revisions
Hi Paul, please take a look at the...

☑ Jim Somers 14:47
Meet me outside the theatre at 8
and don't forget your ID. Would yo...

☑ Arther Bando 14:45
Meeting invitation
Meeting is set for next Thursday at...

☑ Mary Morgan 14:41
freelancers
Paul, we're going to need help w...

Check for messages now.

Create messages.

Message type

Message list
Touch to open a message.
Touch & hold to move, delete and more.

Tip: To see more messages, flick or drag up.

READ & REPLY TO MESSAGES

Find it: ▣ > ✉ **Messaging** > **Universal inbox**

Note: Universal inbox shows all of your messages together—text, email and social networking messages. To show only one type of message, touch a message type instead of **Universal Inbox**.

- To **open** a text message or social networking message and all of its replies, touch it.
- To **respond** to a message, just open it and enter your response in the text box at the bottom.

  To **forward** a text message, touch and hold a message in the conversation, then touch **Forward message**.

  For email, touch ✉ to choose a reply or forward option.
- To open options, touch and hold a message.

CREATE MESSAGES

Find it: ▣ > ✉ **Messaging** > +

Choose a message type, such as **Text message** or **Facebook**. Then enter the recipient and message. In text messages and emails, touch Menu ▤ for options like **Insert...** or **Attach Files**.

SEND & RECEIVE ATTACHMENTS

To send a file in a message, open a new message and touch Menu ▤ > **Insert**.

When you receive a message with an attachment, open the message and touch the file name to download it. Then, touch the name again to open it. Some file formats can be converted to HTML for faster viewing, and your smartphone will show **Get HTML version**.

While viewing the attachment, touch it to save it, share it and more.

Tip: To send and receive large attachments faster, use a Wi-Fi connection (see "**WI-FI NETWORKS**" on page 41).

SET UP MESSAGING

To add email accounts, touch > **My accounts** > **Add account**.

- **Corporate Sync** is for Exchange server work email accounts. Enter details from your IT administrator.

  Tip: You might need to enter your domain name with your username (like *domain/username*).
- **Email** is for most personal email accounts. For account details, contact the account provider.

To change your settings, touch > **Messaging**, touch Menu , then touch:

- **Manage accounts** to add or remove an account.
- **Edit universal inbox** to choose which accounts show messages in the **Universal inbox**.
- **Settings** to set the notification for each account type (along with other preferences, for email).

Tip: For social network accounts, see "**ADD ACCOUNTS**" on page 22.

EMAIL

The first time you turned on your smartphone (see "**SET UP & GO**" on page 4), you probably logged into your Gmail™ account. You can add any other email account that you set up.

To add other email accounts to your **Messages** widget and **Universal inbox**, touch > **My accounts** > **Add account** > **Email**.

INSTANT MESSAGES

To send and receive instant messages, you can use Google Talk™.

Find it: > talk **Talk**

Tip: You can also download an instant messaging app from Android Market™.

VOICEMAIL

When you have a new voicemail, ꝏ appears at the top of the screen. Drag down the status bar and touch the **New voicemail** notification to listen to your voicemail message.

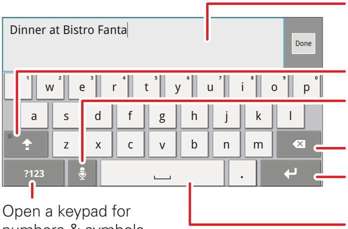
If you need to change your voicemail number, on the home screen touch Menu > **Settings** > **Call settings** > **Voicemail settings**.

TEXT ENTRY

keys when you need them

TOUCHSCREEN KEYPAD

You can open a keypad on your screen by touching a text box. To close the keypad, touch Back ⮌.



Dinner at Bistro Fanta

Text box
Touch to open the touchscreen keypad.

Shift

Voice input/dictation

Delete

Return/ new line

Space

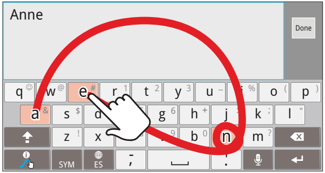
Open a keypad for numbers & symbols.

INPUT METHODS

To select an input method, touch and hold a text entry area on the screen to open the **Edit text** menu. Touch **Input method**, then touch the method you want.

SWYPE™ TEXT ENTRY

Enter words with one continuous motion. Just drag your finger over the letters in the word.



Anne

To enter a word, just trace a path through the letters. To capitalise, go above the keypad. For double letters, circle the letter.

Tips:

- To enter apostrophes in common words (like "I'll"), drag through the **n** as though it was an apostrophe.
- To enter several symbols, other punctuation or numbers, touch **SYM**.
- To correct a word, double-tap it. Swype shows a small menu of other word options. Swype might also show a menu if it can't guess your word.
- If Swype doesn't know a word, you can still touch the letter keys to enter it. Swype remembers, so next time you can just drag over the letters.

MULTI-TOUCH KEYBOARD

Enter text a letter at a time. As you type, your smartphone suggests words from your dictionary and chosen language. The smartphone also automatically enters apostrophes in some words, like "dont".

To add a word to your dictionary, touch and hold the word, then select **Add "word" to dictionary**.

TYPING TIPS

To...	
Enter **one capital** letter	Touch Shift ⇧.
Enter **only capital** letters, until you touch Shift ⇧ again	Touch Shift ⇧ twice. Touch again to revert to lowercase.
Move the text entry cursor	Touch the text where you want the cursor to go.
Select text	Touch and hold text, then touch **Select text** or **Select all**.
Cut or **Copy** selected text	Touch and hold text, then touch **Cut** or **Copy**.
Paste cut or copied text at cursor location	Touch and hold location to paste, then touch **Paste**.
Delete character to left of cursor	Touch Delete ⌫ (hold to delete more).

TEXT INPUT SETTINGS

Find it: Menu ☰ > **Settings** > **Language & keyboard**

- To edit your dictionary, touch **User dictionary**.
- To change the language and the style for your touchscreen keypad, touch **Select locale**.
- To change input method and settings, touch **Swype** or **Multi-touch keyboard**.

SOCIAL NETWORKING

my life, your life

YOUR SOCIAL NETWORKING ACCOUNT

Integrate and sync all your contacts, emails and social networking sites. No opening and closing apps and menus. Just touch the **Social networking** and **Social status** widgets on your home screen.

Tip: Use the gallery to view all of yours and your friends' online albums. Touch ▣ > **Gallery**.

ADD ACCOUNTS

You can add your **Facebook**, **Twitter** or other accounts to your social networking account. If you don't have accounts on these sites, visit their websites to set them up.

To set up email accounts, see "**SET UP MESSAGING**" on page 19.

Find it: ▣ > **My Accounts** > **Add account**

Add an account by touching it. Then enter your username and password for that account.

When you sign into social networking accounts, you'll see your friends and contacts in your **Contacts** list, and your status and updates can appear in your **Social networking** widget.

Twitter messages will always appear as "read" on your smartphone, but your smartphone notifies you when you receive a new message.

Tip: To download updates faster, see "**WI-FI NETWORKS**" on page 41.

EDIT & DELETE ACCOUNTS

Find it: ▣ > **My Accounts**

Touch and hold an account, then touch **Open account** to edit it or touch **Remove account** to remove it (along with its contacts and messages).

Note: You can't delete the Google™ account you used or created when you set up your smartphone.

TIPS & TRICKS

a few handy hints

GENERAL TIPS

- If you can't see the screen while wearing sunglasses, take them off. Screen brightness changes as your smartphone senses the current lighting conditions.
- To return to home screen, touch Home ⌂.
- To see recently dialled numbers, touch **Dialler** > **Recent**.
- To sleep/wake your smartphone, press Power ⏻.
- To set screen timeout, touch Menu ☰ > **Settings** > **Display** > **Screen timeout**.
- To search, touch Search 🔍.
- To voice search, touch and hold Search 🔍.
- To show the most recent apps you've used, touch and hold Home ⌂.
- To change one of the dock shortcuts at the bottom of the home screen, touch and hold the shortcut, then select the shortcut you want to replace it.
- To turn sound on/off, press and hold Power ⏻ > **Silent mode**.
- To turn flight mode on/off, press and hold Power ⏻ > **Flight mode**.
- To use the FM radio app, you need a wired headset. The wires in your headset act as the antenna. For best performance, use a Motorola Original headset. Indoor reception may vary.

BATTERY TIPS

Want to extend your battery life? Try these:

- Use the Smart Actions app to manage smartphone settings and help minimise battery use. For more information, touch > **Smart actions**, then touch Menu ☰ > **Help**.
- To turn off background data transfers, touch Menu ☰ > **Settings** > **Data manager** > **Background data**.
- To turn off Bluetooth™ power, touch Menu ☰ > **Settings** > **Wireless & networks** > **Bluetooth**.
- To turn off Wi-Fi power, touch Menu ☰ > **Settings** > **Wireless & networks** > **Wi-Fi**.

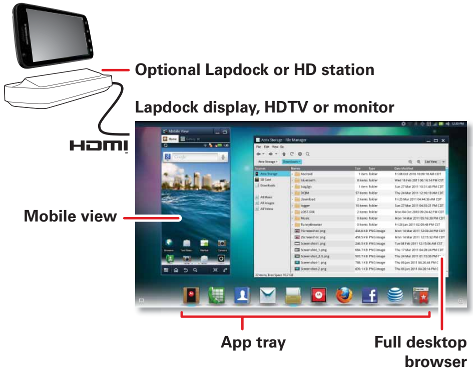
WEBTOP APPLICATION

smart mobile computing

QUICK START: WEBTOP

Browse, or use web apps, on a large screen in a full Firefox™ browser. Create and share documents, spreadsheets and presentations with online tools like Google Docs.

To open the webtop application, connect your smartphone to an HD display or monitor using an optional dock accessory.


Optional Lapdock or HD station
Lapdock display, HDTV or monitor
HDMI
Mobile view
App tray
Full desktop browser

CONNECT THE WEBTOP APPLICATION

Connect your smartphone to the Motorola Lapdock to automatically launch the webtop application.

Connect your smartphone to an HD display using the optional HD station or adapter for webtop application, then choose the webtop application from the application menu.

When you've finished using the webtop application, just disconnect your phone from the accessory.

CONTROL THE WEBTOP APPLICATION

To navigate the webtop application display:

- In the **Phone** window, you can open your phone apps.
- At the bottom of the screen, you'll see **App shortcuts**.

  You can open multiple Firefox browsers.
- At the top right of the screen, you'll see icons for status and **Settings**.

  For help in the webtop application, open **Settings** > **Help** at the top right of the screen.

SEND CURRENT WEBPAGE TO PHONE

When you find an interesting webpage in the webtop application, you can send it to your smartphone to view after undocking. In the Firefox browser, select File > Send to phone. If prompted to complete the action, select Browser. The webpage opens in your phone browser.

DIGITAL LIVING

connect and enjoy

MOTOCAST

Note: Copyright—do you have the right? Always follow the rules. See "Content copyright" in your legal and safety information.

Stream or download music, pictures, videos and documents from your computer directly to your smartphone. MotoCast lets you pull content from your home or work computers at blazing fast 4G LTE speeds, providing secure, nearly instant remote access to your files.

DEVICE SETUP

To get started, touch > **My accounts** > **Add account** > **MotoCast ID** and follow the on-screen instructions to create an account on your smartphone.

DESKTOP SETUP

MotoCast can be installed on one or more Microsoft™ Windows™ or Apple™ Macintosh™ computers to stream, download and upload files. Your smartphone contains the application that needs to be installed on your computer. Connect your smartphone to the computer with a USB cable and follow the on-screen instructions to install the application. When installed, log in to the same account you created on your smartphone, then select which computer files you want to share.

HD VIEWING

You can create your own HD videos (see "**HD VIDEOS**" on page 28) to view on your widescreen HDTV or monitor.

1. Connect an HDMI cable (sold separately) from the HDMI port on your smartphone (see "**YOUR SMARTPHONE**" on page 2) to an HDMI port on the TV monitor.
2. Adjust the viewable area on the HDMI screen by touching Menu > **Settings** > **HDMI**.

MIRROR MODE

Connect your smartphone to your HDTV, monitor or projector so you can view and interact with your smartphone on the big screen. Show off your photos, videos and downloaded films. Enjoy the big screen for gaming, films, the web and more. Just connect your smartphone to an HDTV or monitor using an optional HD cable. Everything you see on your display will appear on the big screen as well.

PHOTOS & VIDEOS

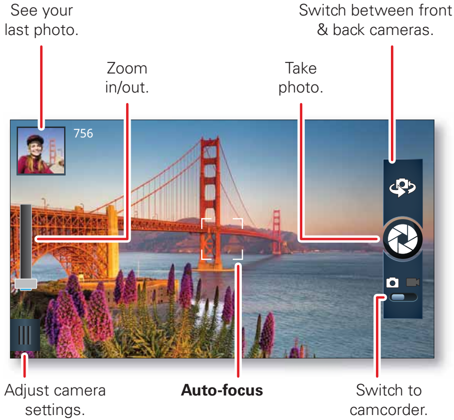
see it, capture it, share it!

PHOTOS

TAKE & SHARE PHOTOS

Take that family photo and post it online for everyone to see.

Find it: > **Camera**


See your last photo.
Zoom in/out.
Take photo.
Switch between front & back cameras.
756
Adjust camera settings.
Auto-focus
Switch to camcorder.

Note: Photos are stored in your phone's internal memory, unless you switch it to the microSD memory card. Photo resolution can be set to 8 MP or **Widescreen** (6 MP).

Tip: Press the volume keys to zoom in and out on the viewfinder image.

To **take** the photo, touch in the viewfinder.

Your phone stores the photo, and shows a thumbnail image of the photo in the corner of the screen. To see the photo you just took, touch the thumbnail. Then:

- To **set** the photo as a wallpaper, contact photo or social network photo, touch Menu > **Set as**.
- To **send** the photo in a message or post it online, touch . For more info on sharing your photos, see "**SHARE PHOTOS & VIDEOS**" on page 30.
- To **upload** the photo to an online photo album, touch .
- To **print** the photo, touch Menu > **More** > **Print**.
- To **delete** the photo, touch Menu > **Delete**.

PANORAMIC PHOTOS

In the viewfinder, touch Menu ⊟ > **Modes** > **Panorama** to take a wide panoramic photo. The camera auto-captures up to six multiple shots as you move the camera, and joins them together to make one large image.

CAMERA SETTINGS

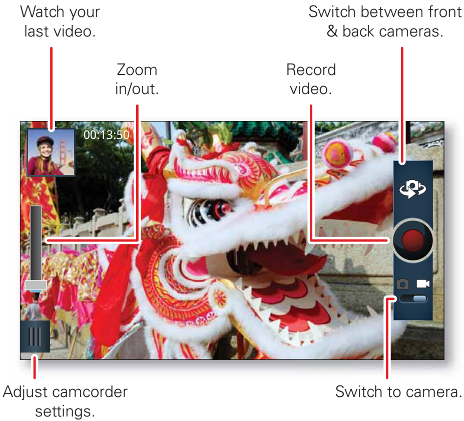
In the viewfinder, drag the tab in the lower-left corner of the screen (or touch Menu ⊟) to adjust camera settings:

Options	
Settings	• **Widescreen** (6 MP) or 8 MP photo resolution • **Video resolution** • **Storage location** (phone or SD card) • **Geo-tag** (auto location information) • **Video stabilisation** • **Shutter tone**
Effects	Set a photo effect: **Normal**, **Black and white**, **Negative** and more.
Scenes	Set the type of photo you want to take: **Auto**, **Portrait**, **Landscape**, **Sport** and more.
Modes	Set to **Single shot**, **Panorama**, **Multi-shot** or **Timer**.
Brightness	Set the viewfinder image brightness level.
Flash	Set **Flash on**, **Flash off** or **Auto-flash**.

VIDEOS

RECORD & SHARE VIDEOS

Find it: ▣ > ◉ **Camcorder**


Watch your last video.
Zoom in/out.
Record video.
Switch between front & back cameras.
00:13:50
Adjust camcorder settings.
Switch to camera.

To **record** a video, touch ● in the viewfinder. To **stop** the video recording, touch ● again.

Your phone stores the video, and shows a thumbnail image of the video in the corner of the screen. To see the video you just took, touch the thumbnail. Then:

- To **play** the video, touch ▶.
- To **send** the video in a message or post it online, touch ☍. For more info on sharing your video, see "**SHARE PHOTOS & VIDEOS**" on page 30.
- To **upload** the video to an online album, touch ⬆.
- To **delete** the video, touch Menu ☰ > **Delete**.

HD VIDEOS

You can capture HD-quality videos to watch on an HDTV or monitor.

To record an HD quality video, ensure you select the correct **Video resolution**. From the active camcorder viewfinder, touch Menu ☰ > **Settings** > **Video resolution** > **HD+ (1080p)** or **High definition (720p)**.

To enhance the video quality, touch Menu ☰ > **Audio scenes** or **Effects**.

CAMCORDER SETTINGS

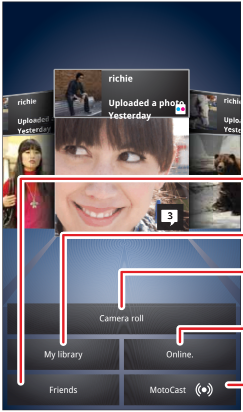
In the viewfinder, drag the tab in the lower-left corner of the screen (or touch Menu (▤)) to adjust camcorder settings:

Options	
Settings	- **Widescreen** - **Video resolution** (1080p, 720p, DVD, VGA, CIF or QVGA) - **Storage location** (phone or SD card) - **Geo-tag** (auto location information) - **Video stabilisation** (reduce shakiness during video capture) - **Shutter tone**
Effects	Set a video effect: **Normal**, **Black and white**, **Negative** and more.
Audio Scenes	Set sound recording options: **Everyday**, **Outdoors**, **Concert**, **Narrative** or **Subject**.
Modes	Set to **Normal video**, **Video message**, **Fast motion** or **Slow motion**.
Brightness	Set the viewfinder image brightness level.
Light	Turn the camcorder light on or off.

VIEW PHOTOS & VIDEOS

Find it: ▣ > **Gallery**

View all of your photos and your friends' photos/videos from different media sites like Picasa™, Flickr, PhotoBucket and Facebook™. You can add comments to others' photos, and see comments that others have posted.


richie
Uploaded a photo
Yesterday
richie
Uploaded
Yesterday
richie
Uplo
Yeste
3
Camera roll
My library
Online.
Friends
MotoCast

Go to your friends' online albums.

Sort your photos & videos.

See your captured photos & videos.

See your online albums (like Picasa, Flikr or Facebook).

Stream media from your computer with MotoCast.

Note: To see the controls when a video is playing, touch the display.

SHARE PHOTOS & VIDEOS

Find it: ▣ > 🖼 **Gallery** > *photo* or *video*

Touch ⚲, then choose how you want to share—for example **Bluetooth**, **Email**, **Text messaging** or an online album.

MANAGE PHOTOS & VIDEOS

Find it: ▣ > 🖼 **Gallery** > *photo* or *video*

Touch Menu ☰, then select **Edit**, **Delete**, **Add to album**, **Set as** (photo) or **Map** (video). Touch **More** for additional options.

Tip: To copy photos to/from a computer, go to "**USB CONNECTION**" on page 45.

EDIT PHOTOS & VIDEOS

Find it: ▣ > 🖼 **Gallery** > *photo* or *video*

Touch Menu ☰ > **Edit**. You can choose advanced editing features to resize, crop or change the colour.

STREAM & SYNC PHOTOS & VIDEOS

Use MotoCast to stream photos and videos from your computer to your smartphone. MotoCast also lets you use iTunes or Windows Media Player to sync the photos and videos stored on your computer and smartphone.

Find it: ▣ > 🖼 **Gallery** > **MotoCast**

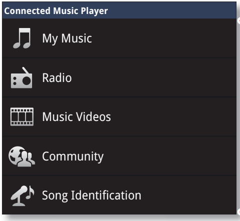
For more information about using MotoCast, see "**MOTOCAST**" on page 25.

MUSIC

when music is what you need...

QUICK START: MUSIC

Find it: ▦ > ◉ **Music**

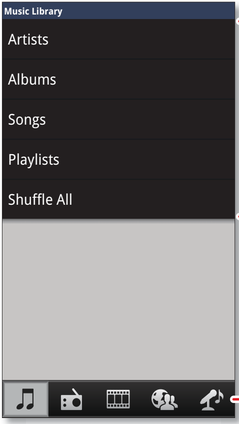


Music activities
Touch what you want to do.

Options	
My music	Listen to your tunes.
Radio	Surf the airwaves for fresh music. There's something for everyone. You need a headset for FM radio. Check out SHOUTcast™ Radio for music from all generations and types.
Music videos	Watch videos from YouTube™, pre-recorded TV shows and your own videos.
Community	Find songs, see what people are listening to all around the world and see what's hot on the music charts.
Song identification	Get information about a song that is playing. Select **Tell me what is playing** and hold your phone close to the source of the music. **Note:** Song identification may not be successful if the music is from a live concert or a musical event where the digital recording is not even.

Configuration data: Some features, such as music videos, community, song identification and song lyrics, require data traffic. Set the data mode before using the music player. Touch Menu ▤ > **Settings** > **Data usage** > **Download song data**.

To play music stored on your phone, touch **My music**.



Categories
Select songs or playlists.

Music activities & community
Play music, radio, videos, go to music community or identify songs.

To randomly play all of your songs, touch **Shuffle all**.

Tip: When a song is playing, you can add it to a playlist by touching Menu ▭ > **More** > **Add to playlist**.

Tip: To listen to music during a flight, turn off all your network and wireless connections: Press and hold Power ⏻ then touch **Flight mode**.

SET UP MUSIC

WHAT MUSIC TRANSFER TOOLS DO I NEED?

Note: Copyright—do you have the right? Always follow the rules. See "Content copyright" in your legal and safety information.

To put music on your computer and then load it on your smartphone, you need:

- Microsoft™ Windows™ computer or Apple™ Macintosh™ computer.
- USB data cable (included with your smartphone).
- microSD memory card (included with your smartphone).

  Your smartphone supports removable microSD memory cards up to 32 GB capacity. To make sure your memory card is installed, go to "**ASSEMBLE & CHARGE**" on page 3.

  Tip: To see the available memory on your memory card, from the home screen touch Menu ▭ > **Settings** > **Storage**.

WHAT AUDIO FILE FORMATS CAN I PLAY?

Your smartphone can play many types of files: AAC, AAC+, AAC+ Enhanced, AMR NB, AMR WB, MP3, WAV, WMA v9 and MIDI.

WHAT HEADPHONES CAN I USE?

Your smartphone has a 3.5 mm headset jack for wired stereo listening (required for FM radio). You can go wireless with Bluetooth™ stereo headphones or speakers (see "**BLUETOOTH™ HANDS-FREE DEVICES**" on page 42).

GET MUSIC

TRANSFER

Transfer music from your computer to your smartphone using a USB cable connection. See "**USB CONNECTION**" on page 45 to learn how.

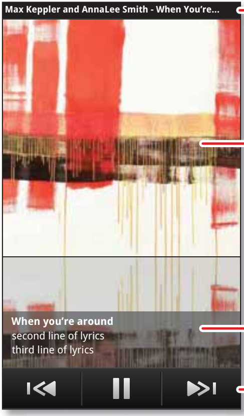
BUY

Buy MP3 music files that you can install and play on your smartphone.

Find it: ▣ > 🛒 **Music store**

PLAY MUSIC

Touch a song or playlist to start playing music.



Max Keppler and AnnaLee Smith - When You're...

When you're around
second line of lyrics
third line of lyrics

Artist & song title

Album artwork

Song lyrics in real time

Music controls

MUSIC PLAYER CONTROLS

To...	
Play/pause	Touch ▶/⏸.
Select previous/next song	Touch ⏮/⏭.
Fast forward/rewind	Touch and hold ⏮/⏭.
Adjust volume	Press side volume keys.
Auto-repeat all songs	Touch Menu ☰ > **More** > **Settings** > **Auto-repeat**.
Show lyrics	Touch Menu ☰ > **More** > **Settings** > **Display lyrics**.
Send blip	Love this song or hate it? Let your friends know. Touch Menu ☰ > **Send blip**.
Add to playlist	Touch Menu ☰ > **More** > **Add to playlist**.
Set as ringtone	Touch Menu ☰ > **More** > **Set as ringtone**.
Delete	Touch Menu ☰ > **More** > **Delete**.

HIDE, WAKE, TURN OFF

Touch Home ⌂ to use another app. Your music will continue to play.

When you see ▶ in the status bar, a song is playing. Flick down to see details. Touch the song to return to the music controls.

To turn off your music, touch ⏸.

PLAYLISTS

To add a song from the music library to a playlist, touch and hold the song, then touch **Add to playlist**. Choose an existing playlist, or touch **New playlist** to create one.

To add the song you're playing to a playlist, touch Menu ☰ > **More** > **Add to playlist** in the music player.

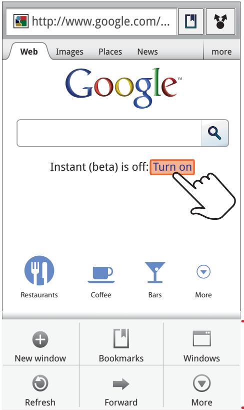
To rename or delete a playlist, touch and hold the playlist in the music library.

WEB

surf the web with your smartphone

QUICK START: BROWSER

Find it: **Browser**


http://www.google.com/...
Web
Images
Places
News
more
Google
Instant (beta) is off: Turn on
Restaurants
Coffee
Bars
More
New window
Bookmarks
Windows
Refresh
Forward
More

Touch a link to select it. Touch & hold for more options.

Touch Menu for browser options.

Tip: To zoom, touch the display with two fingers, then move them apart.

CONNECT

Your smartphone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the web.

Note: Your service provider may charge you to surf the web or download data.

If you want to use a Wi-Fi network for faster Internet access, touch the status bar at the top of the home screen and drag it down. Touch the **Wi-Fi networks available** notification to select a preferred network. For more info, see "**WI-FI NETWORKS**" on page 41.

Note: If you can't connect, contact your service provider.

PLAY WEB VIDEOS

The browser features the Adobe™ Flash™ Player, which adds animation, video and interactivity to webpages. Touch ▶ to begin video playback. Double-tap the video during playback to enlarge it for better viewing.

DOWNLOADS

To download files in your browser, touch a file link or touch and hold a picture to choose **Save image**.

To see the files you downloaded, touch > **Downloads**. Touch and hold an item to open it, see details or remove it from the list.

You can download "**APPS & UPDATES**" on page 10.

BROWSER OPTIONS

Touch Menu ☰ to see browser options:

Options	
New window	Open a new browser window.
Bookmarks	See your bookmarks.
Windows	View open browser windows.
Refresh	Reload the current page.
Forward	Go forward through viewed pages (touch Back ↩ to go back).
More	View additional browser options.

YOUTUBE™

Share videos with YouTube users everywhere. You don't need a YouTube account to browse and view videos.

Find it: ▦ > **YouTube**

Note: If you want a YouTube account, go to www.youtube.com. To create an account or sign in, touch Menu ☰ > **My account**. To **Browse** or **Upload** videos, touch Menu ☰.

PERSONALISE

add your personal touch

WIDGETS

ADD WIDGETS

1 Touch and hold an empty spot on your home screen.

Tip: Flick left or right to see other panels.

2 Touch **Widgets** and choose a widget.

SET UP WIDGETS

You can customise some widgets. Touch a widget to open it, then touch Menu ☰.

Your home screen may already have these widgets:

- **Universal inbox**: Change the widget name or choose how long it shows new messages. To add email accounts, "**SET UP MESSAGING**" on page 19.
- **Music**: Set this widget to an artist, album, song, playlist, genre or just touch Menu ☰ > **Shuffle all**. There's more about "**MUSIC**" on page 31.
- **News**: Change the widget name, choose how long it shows new stories or choose a news source. To choose a source, touch +, then choose preset **Bundles** or **Channels** or choose **Custom** to enter a URL for a **webpage** or an **RSS feed**.

- **Weather**: Change temperature units or add locations. To add locations, touch +, enter a city and touch **Search**. When you open the weather widget, flick left to see other locations you have added.

SHORTCUTS

To add shortcuts for apps, bookmarks and more to the home screen, touch and hold an empty spot on the home screen, touch **Shortcuts** and select a shortcut.

Tip: To change one of the dock shortcuts at the bottom of the home screen, touch and hold the shortcut, then select the shortcut you want to replace it.

RINGTONES

Personalise your ringtones:

Find it: Menu ▭ > **Settings** > **Sound** > **Phone ringtone** or **Notification ringtone**

To set your vibrate options:

Find it: Menu ▭ > **Settings** > **Sound** > **Vibrate**

To set a song as a ringtone:

Find it: ▣ > ● **Music** and play the song, then touch Menu ▭ > **Use as ringtone**

WALLPAPER

Apply a new wallpaper:

1. Touch and hold an empty spot on your home screen.
2. Touch **Wallpapers**.
3. Touch **Gallery**, **Live wallpapers** or **Wallpapers**, and choose a wallpaper.

SOUNDS

- To set volume for ringtones, media and alarms, touch Menu ▭ > **Settings** > **Sound** > **Volume**.
- To play dial pad tones, touch Menu ▭ > **Settings** > **Sound** > **Audible touch tones**.
- To play sound on a screen selection, touch Menu ▭ > **Settings** > **Sound** > **Audible selection**.
- To customise the sound settings for media and videos, touch Menu ▭ > **Settings** > **Sound** > **Media audio effects** > **Phone speaker**.

DISPLAY SETTINGS

- To set display brightness, touch Menu ▭ > **Settings** > **Display** > **Brightness**.
- To set orientation, touch Menu ▭ > **Settings** > **Display** > **Auto-rotate screen**.

- To set animation, touch Menu > **Settings** > **Display** > **Animation**.

  Note: Some apps are designed so that your smartphone can "animate" them by rotating, fading, moving and stretching one or more images.

DATE & TIME

Set date, time, time zone and formats:

Find it: Menu > **Settings** > **Date & time**

LANGUAGE & REGION

Set your menu language and region:

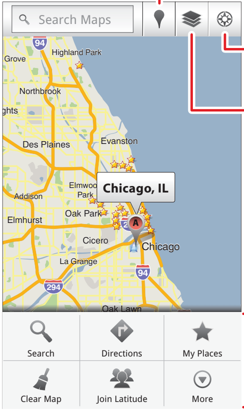
Find it: Menu > **Settings** > **Language & keyboard** > **Select locale**

LOCATION

where you are, where you're going

GOOGLE MAPS™

Find it: > **Maps**


Search Maps
94
Highland Park
Grove
Northbrook
ghts
Des Plaines
Evanston
Elmwood Park
Addison
Chicago, IL
Oak Park
Elmhurst
A
Cicero
Chicago
La Grange
94
294
Oak Lawn
Search
Directions
My Places
Clear Map
Join Latitude
More

Find places near your current location.

Centre the map on your current location.

Add layers of information to the map view.

Touch Menu for map options.

Note: The map image you see may be a little different.

Google Maps offers powerful, user-friendly mapping technology and local business information—including business locations, contact information and driving directions.

For help, touch Menu ☰ > **More** > **Help**.

Tip: Want to know what's in your immediate area? Try Google Places™. Touch ▣ > 📍 **Places** to see listings for **Restaurants**, **Cash machines**, **Petrol stations** and more based on your current location.

GOOGLE MAPS™ NAVIGATION

Google Maps Navigation is an Internet-connected GPS navigation system with voice guidance.

Find it: ▣ > ▲ **Navigation**

Follow the prompts to speak or type your destination.

For more information, go to www.google.com/mobile/navigation.

GOOGLE LATITUDE™

JOIN LATITUDE

See where your friends and family are on Google Maps™. Plan to meet up, check that your parents got home safely or just stay in touch.

Don't worry, your location is not shared unless you agree to it. You need to join Google Latitude, and then invite your friends to view your location or accept their invitations. When using Google Maps, touch Menu ☰ > **Join Latitude**. Read the privacy policy and if you agree with it, touch **Agree & share**.

ADD & REMOVE FRIENDS

Find it: ▣ > 👤 **Latitude**

To add friends:

1 Touch +👤.

2 Touch **Select from Contacts**, then touch a contact. Or, touch **Add via email address**, then enter an email address.

3 Touch **Yes** to send a sharing request.

If your friends already use Google Latitude, they'll receive an email request and a notification. If they have not yet joined Google Latitude, they'll receive an email request that invites them to sign in to Google Latitude with their Google™ account.

To remove friends:

1 Touch Menu ☰ > **Latitude** to show your list of friends, then touch a friend in your list.

2 Touch **Remove this friend**.

SHARE LOCATION

When you receive a request to share location details you can choose to:

- **Accept and share back**—See your friend's location, and your friend can see yours.
- **Accept, but hide my location**—See your friend's location, but they can't see yours.
- **Don't accept**—Location information is not shared between you and your friend.

HIDE YOUR LOCATION

To hide your location from a friend, touch Menu > **Latitude** to show your list of friends. Touch a friend on the list, then touch **Sharing options** > **Hide from this friend**.

TURN OFF GOOGLE LATITUDE

Touch Menu > **Latitude** to show your list of friends, then touch Menu > **Settings** > **Sign out of Latitude**.

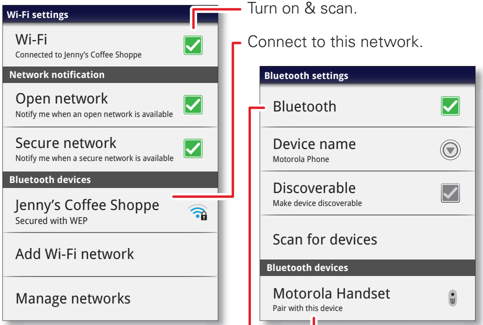
WIRELESS

lose the wires

QUICK START: WIRELESS

Connect your smartphone to fast Wi-Fi networks or Bluetooth™ devices.

To connect, touch Menu > **Settings** > **Wireless & networks** > **Wi-Fi settings** or **Bluetooth settings**.



Wi-Fi settings

Wi-Fi ☑
Connected to Jenny's Coffee Shoppe

Network notification

Open network ☑
Notify me when an open network is available

Secure network ☑
Notify me when a secure network is available

Bluetooth devices

Jenny's Coffee Shoppe
Secured with WEP

Add Wi-Fi network

Manage networks

Bluetooth settings

Bluetooth ☑

Device name
Motorola Phone

Discoverable ☑
Make device discoverable

Scan for devices

Bluetooth devices

Motorola Handset
Pair with this device

Turn on & scan.

Connect to this network.

Turn on & scan.

Connect to this device.

WI-FI NETWORKS

TURN WI-FI POWER ON OR OFF

Find it: Menu ▭ > **Settings** > **Wireless & networks** > **Wi-Fi**

Note: To extend battery life, turn off Wi-Fi power when not in use.

Note: Wi-Fi is restricted to indoor use only.

WI-FI SEARCH & CONNECT

When Wi-Fi is **turned on**, the Wi-Fi in range indicator 📶 appears in the status bar when a network is available. Drag down the status bar and touch the **Wi-Fi networks available** notification to select and connect to a network.

To search for a network when Wi-Fi is **turned off**:

1. Touch Menu ▭ > **Settings** > **Wireless & networks** > **Wi-Fi settings**.
2. Touch **Wi-Fi** to turn on and scan. If Wi-Fi power is already on, touch Menu ▭ > **Scan**. Your smartphone lists the networks it finds within range.

   Tip: To see your smartphone's MAC address or other Wi-Fi details, touch Menu ▭ > **Advanced**.
3. Touch a network to connect. If necessary, enter **Network SSID**, **Security** and **Wireless password** and touch **Connect**.

When your smartphone is connected to the network, the Wi-Fi connected indicator 📶 appears in the status bar.

Tip: When you are in range and Wi-Fi power is on, you will automatically reconnect to available networks you've connected to before.

WI-FI HOTSPOT

You can make your smartphone a Wi-Fi hotspot to provide portable, convenient Internet access to other Wi-Fi enabled devices.

Caution: This application significantly impacts battery life. You may want to run this application with the charger connected.

Note: You need to subscribe to Wi-Fi hotspot service to use this feature. Contact your service provider.

To set up your smartphone as a Wi-Fi hotspot:

1. Turn off Wi-Fi power by touching Menu ▭ > **Settings** > **Wireless & networks** > **Wi-Fi**.
2. Touch ▣ > 📶 **Mobile hotspot** > **Mobile hotspot** to turn on the hotspot.
3. Touch **Configure mobile hotspot** to change hotspot security and configuration settings:
   - **Network SSID**—Enter a unique name for your hotspot and touch **Next**.

- **Security**—Select the type of security you want and touch **Save**: **WEP**, **WPA** or **WPA2**. Enter a unique password. Other users can access your Wi-Fi hotspot only if they enter the correct password.

  Note: Keep it secure. To protect your phone and hotspot from unauthorised access, it is strongly recommended that you set up hotspot **Security** (**WPA2** is the most secure), including password.

- **Broadcast Channel**—Select a channel that minimises potential interference. You may need to try different channels if your hotspot has been active for some time.

4 Touch **Save** when the settings are complete.

When your Wi-Fi hotspot is active, other Wi-Fi enabled devices can connect by entering your hotspot's **SSID**, selecting a **Security** type and entering the correct **Wireless password**,

BLUETOOTH™ HANDS-FREE DEVICES

TURN BLUETOOTH POWER ON OR OFF

Find it: Menu ▤ > **Settings** > **Wireless & networks** > **Bluetooth**

Note: To extend battery life, turn off Bluetooth power when not in use.

CONNECT NEW DEVICES

Note: This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, just turn on the device.

1 Make sure the device you are pairing with is in discoverable mode.

  Note: Refer to the guide that came with the device for details.

2 Touch Menu ▤ > **Settings** > **Wireless & networks** > **Bluetooth settings**.

3 Touch **Bluetooth** to turn on and scan. If Bluetooth power is already on, touch **Scan for devices**.

4 Touch a device to connect.

5 If necessary, touch **OK**, or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth connected indicator ᛒ appears in the status bar.

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

RECONNECT DEVICES

To automatically reconnect your smartphone with a paired device, simply turn the device on.

To manually reconnect your smartphone with a paired device, touch the device name in the **Bluetooth devices** list.

DISCONNECT DEVICES

To automatically disconnect your smartphone from a paired device, simply turn the device off.

To manually disconnect your smartphone from a paired device, touch the device name in the devices list, then touch **OK**.

CHANGE DEVICE NAME

Touch Menu ☰ > **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

DLNA™ MEDIA DEVICES

Note: Copyright—do you have the right? Always follow the rules. See "Content copyright" in your legal and safety information.

Use DLNA Certified computers, TVs and other devices to play or transfer the video, pictures and music stored on your smartphone.

1. Make sure your smartphone is connected to a Wi-Fi network that has another DLNA Certified device.
2. Touch ▣ > **DLNA**.
3. Touch **Play media**, **Copy media to server**, **Copy media to phone** or **Share media**.

   Your smartphone searches for DLNA devices on your network. To search again, touch Menu ☰ > **Refresh**.
4. Touch a device to connect.

For more about DLNA devices, visit www.dlna.org.

MOTOPRINT

Print email, documents, pictures and contacts directly to shared printers on a Wi-Fi network—no printer drivers necessary. MOTOPRINT automatically discovers networked printers for you. You can even save your favourite printers and geo-tag their location for future use.

PRINT A DOCUMENT OR FILE

To print something from the **Email**, **QuickOffice** or **Gallery** apps, open it and touch Menu ▭ > **Print**.

To print something directly from the **MOTOPRINT** app, touch ▦ > **MOTOPRINT**, then select a document type and follow the on-screen instructions.

ADD A PRINTER

Find it: ▦ > **MOTOPRINT**, touch Menu ▭ > **Manage printers**, touch Menu ▭ > **Add printer**

MOTOPRINT HOST

To print to a non-compatible or non-networked printer connected to your Windows™ computer, you need to install free MOTOPRINT Host software on the computer. You can download MOTOPRINT Host at www.motorola.com.

To print something using MOTOPRINT Host:

Find it: ▦ > **MOTOPRINT**, touch Menu ▭ > **Manage printers**, touch Menu ▭ > **Add printer** > **MOTOPRINT host**

Select MOTOPRINT Host running on your computer, then select the printer you want to use.

MEMORY CARD & FILE MANAGEMENT

copy photos, music and more

MEMORY CARD

Note: Your music, photos and other files are automatically stored on your smartphone's internal memory. You can set individual applications (camera, camcorder etc.) to store files on the microSD card.

DELETE OR SHARE FILES ON YOUR SMARTPHONE

Find it: ▦ > **Files** > **Internal phone storage** or **SD card**

Touch a file or folder to open, then touch and hold a file to **Delete** or **Share**.

REMOVE OR FORMAT YOUR MEMORY CARD

Note: Do not remove your memory card while your smartphone is using it or writing files on it.

Before you remove or format your memory card you need to unmount it. Touch Menu ▭ > **Settings** > **Storage** > **Unmount SD card**.

To format your memory card, touch **Format SD card**.

Warning: All data on your memory card will be deleted.

USB CONNECTION

You can connect your smartphone to a computer with a USB cable.

Note: The first time you use a USB connection, your computer may indicate that drivers are being installed. Follow any prompts you see to complete the installation. This may take a few minutes.

1. With your smartphone showing the home screen, connect a Motorola micro USB data cable from your smartphone's micro USB port to a USB port on your computer. Your smartphone should show Ψ in the status bar.

   Note: Make sure you connect the smartphone to a high power USB port. Typically, these are located directly on your computer.

2. Drag and drop files between your computer and smartphone folders. When you have finished, use "Safely remove hardware" before disconnecting the USB cable.

Note: If you're using a memory card, you can't use the files on your memory card with your smartphone while it is connected to the computer.

TOOLS

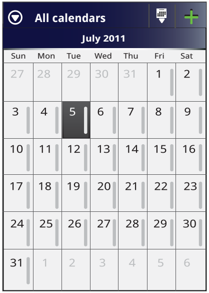
stay on top of things

CALENDAR

Find it: ▦ > 31 **Calendar**

Your calendar events can be viewed in different ways: Touch ▦ > **Diary**, **Day**, **Week** or **Month**. When you highlight an event, more details appear.

Tip: Add a calendar widget to your home screen by touching and holding an empty space. Then touch **Widgets** > **Calendar**.



Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

ADD CALENDAR EVENTS

From any view, touch +. Enter the event start time and other details. You can even set a reminder so you don't forget about the event. (When you set the reminder time to **0 minutes**, it plays at the event start time.)

Tip: Reminders will play only if you've selected a notification ringtone (see "**RINGTONES**" on page 37).

When you finish entering event details, touch **Save**.

MANAGE CALENDAR EVENTS

To edit an event, touch and hold it, then touch **Edit event**. When you're done, touch **Save**.

To delete an event, touch and hold it, then touch **Delete event**.

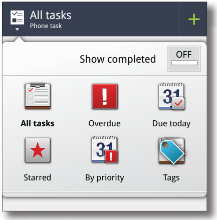
To go to today, touch > **Show today**.

TASKS

Find it: > **Tasks**

To add a task, touch +.

Touch an icon to view your tasks by due date, priority and more.


All tasks
Phone task
+
Show completed
OFF
All tasks
Overdue
Due today
Starred
By priority
Tags

CALCULATOR

Find it: > **Calculator**

To switch between basic and advanced functions, touch Menu > **Advanced panel** or **Basic panel**. To clear history, touch Menu > **Clear history**.

ALARM CLOCK

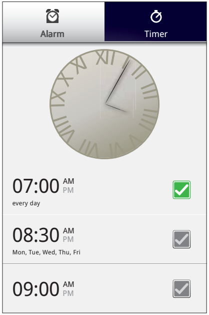
Find it: > **Alarm & timer**

To turn on an alarm, touch the tick box.

When an alarm sounds, select **Dismiss** to turn it off or touch the screen to snooze for five minutes.

To add an alarm, touch Menu > **Add alarm**, then enter alarm details.

To enable or disable an alarm, touch the tick box.


Alarm
Timer
07:00 AM PM
every day
☑
08:30 AM PM
Mon, Tue, Wed, Thu, Fri
☑
09:00 AM PM
☑

ACCESSIBILITY

See, hear, speak, feel and use. Accessibility features are there for everyone, helping to make things easier.

Note: For general information, accessories and more, visit www.motorola.com/accessibility

VOICE RECOGNITION

Use your voice—just touch and speak.

- **Dialling and commands:** Touch ▣ > 🎙 **Voice commands**. To dial, say "**Call**" and then a contact name or phone number. Or, say a command from the list shown, like "**Send Message**" or "**Go To**".
- **Search:** Touch and hold Search ▭, then say what you want to search for, like "Motorola accessories".
- **Text entry:** Touch a text entry field to open the touchscreen keypad. Touch 🎙, then say what you want to type.

Tip: Speak naturally, but clearly. Use the microphone in a similar way to a speakerphone, so no need to shout or hold the phone close to your mouth.

To change your voice settings, see "**VOICE SETTINGS**" on page 48.

VOICE READOUTS (TALKBACK)

Your navigation and selections, read out loud.

To turn on voice readouts (similar to TalkBack), touch Menu ▭ > **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, then touch **Voice readouts**.

Note: You may be asked to download additional "text-to-speech" software (data charges may apply).

To use voice readouts:

- **Menus and screens:** In menus and screens, touch an item to highlight it (the item will be read out loud) and double-touch to open it.

  Note: Touch a home screen widget or shortcut to open it.
- **Dialler & text entry:** As you type, each number or letter is read out loud.
- **Notification:** When you drag the notifications bar down, all notifications are read out loud.

Tip: Navigate through your apps and menus to hear how voice readouts work on your phone.

To change your voice settings, see "**VOICE SETTINGS**" on page 48.

CALLER ID

When you want to **hear** who's calling:

- **Read out loud:** Have your caller announced—touch Menu > **Settings** > **Call settings** > **Caller ID readout**.
- **Ringtones:** Assign a unique ringtone to a contact—touch **Contacts**, touch a contact, then touch Menu > **Options** > **Ringtone**.

To change your voice settings, see "**VOICE SETTINGS**" on page 48.

VOICE SETTINGS

Personalise your voice settings:

- **Voice recognition:** Touch Menu > **Settings** > **Voice input & output** > **Voice recogniser settings**. From here, you can set options like language and censorship.
- **Voice commands:** Touch > **Voice commands** > Menu > **Settings**. From here, you can refine recognition of your voice (**Adaptation**) and set options like prompts and shortcuts.
- **Text-to-speech:** Touch Menu > **Settings** > **Voice input & output** > **Text-to-speech settings**. From here, you can set options like speed and language.

VOLUME & VIBRATE

Choose volume and vibrate settings that work for you. Touch Menu > **Settings** > **Sound**:

- **Volume:** touch **Volume** and use the sliders.

  Tip: To set separate ring and notification volumes, deselect **Use incoming call volume for notifications**.
- **Vibrate:** Select **Vibrate** > **Always** to feel your phone ring.

ZOOM

Get a closer look. Open a magnification window that you can drag around the screen, or slide your fingers apart to zoom in on maps, webpages and photos.

- **Magnification window:** Touch Menu > **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, then touch **Zoom mode**.
- **Pinch to zoom:** To zoom in, touch the screen with two fingers and then slide them apart. To zoom out, slide your fingers together.

DISPLAY BRIGHTNESS

Set a brightness level that works for you. Touch Menu > **Settings** > **Display** > **Brightness**. Make sure that **Automatic brightness** is deselected so you can set your own level.

TOUCHSCREEN & KEYS

All these touch features are great, and sometimes it's nice to hear or feel your touches too. Touch Menu ☰ > **Settings** > **Sound**:

- **Touchscreen:** To hear screen touches (click), select **Audible selection**.
- **Keys:** To feel key touches (vibrate), select **Haptic feedback**.
- **Screen lock:** To hear when you lock/unlock the screen (click), select **Screen lock sounds**.

MESSAGES

From a simple text message to IM, email and more. Create, send and receive them all, in one place.

Find it: ▣ > ✉ **Messaging** > **Universal inbox**

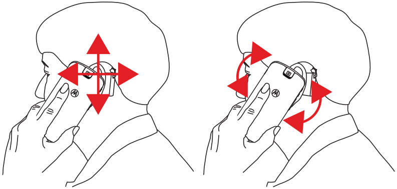
And to make text entry even easier, you can use features like auto-correct, auto-punctuate and auto-capitalisation—touch Menu ☰ > **Settings** > **Language & keyboard** > **Multi-touch keyboard**. Of course if you don't want to type at all, then use your voice—touch 🎤 on the touchscreen keypad.

HEARING AIDS

To help get a clear sound when using a hearing aid or cochlear implant, your phone may have been rated for use with hearing aids. If your phone's box has "Rated for hearing aids" printed on it, then please read the following guidance.

Note: Ratings are not a guarantee of compatibility, see "Hearing aid compatibility with mobile phones" in your legal and safety information. You may also want to consult your hearing health professional, who should be able to help you get the best results.

- **Settings:** Touch Menu ☰ > **Settings** > **Call settings** > **HAC mode settings**. Select **Microphone** to optimise your phone for microphone coupling, or select **Telecoil** to optimise your phone for telecoil coupling.
- **Call volume:** During a call, press the side volume keys to set a call volume that works for you.
- **Position:** During a call, hold the phone to your ear as normal, and then rotate/move it to get the best position for speaking and listening.



TTY

You can use your phone in TTY mode with standard teletype machines. Touch Menu > **Settings** > **Call settings > TTY mode** and select the mode you need:

- **TTY Full**: Type and read text on your TTY device.
- **TTY HCO**: Hearing-carry-over—type text on your TTY device and listen to voice replies on your phone's speaker.
- **TTY VCO**: Voice-carry-over—speak into your phone and read text replies on your TTY device.

Note: You'll need a cable/adapter to connect your TTY device to the headset jack on your phone.

Refer to your TTY device guide for mode and usage information.

APPS

Want more? No problem. Android Market™ provides access to thousands of apps and many provide useful accessibility features.

Find it: > **Market**

Select a category or touch Search to find the app you want.

Tip: Choose your apps carefully, from trusted sites like **Market**, as some may impact your phone's performance.

MANAGEMENT

stay in control

SMART ACTIONS

Fed up of doing the same tasks over and over again? Let smart actions do them for you. You can create smart actions to do things like automatically dim the touch screen when the battery is low, set your ringer to vibrate at work and activate a Wi-Fi connection at home.

Find it: > **Smart actions**

For more information, open the Smart Actions app and touch Menu > **Help**.

WIRELESS MANAGER

Find it: Menu > **Settings** > **Wireless & networks**

Manage all your wireless connections: Wi-Fi, Bluetooth™, flight mode and mobile networks.

FLIGHT MODE

Use flight mode to turn all your wireless connections off—useful when flying. Press and hold Power > **Flight mode**.

Note: When you select flight mode, all wireless services are disabled. You can then turn Wi-Fi and/or Bluetooth back on, if permitted by your airline. Other wireless voice and data services (such as calls and text messages) remain off in flight mode. Emergency calls to your region's emergency number can still be made.

NETWORK

You should not need to change any network settings. Contact your service provider for help.

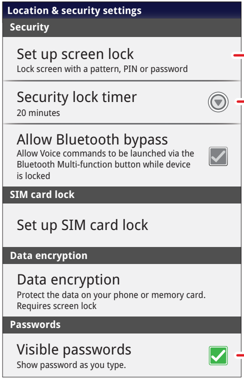
Touch Menu ▭ > **Settings** > **Wireless & networks** > **Mobile networks** to show options for roaming networks, network selection, operator selection and access point names.

SECURITY

help keep your smartphone safe

QUICK START: SECURITY

Find it: Menu ▭ > **Settings** > **Location & security**



Location & security settings

Security

Set up screen lock
Lock screen with a pattern, PIN or password

Security lock timer
20 minutes

Allow Bluetooth bypass ☑
Allow Voice commands to be launched via the Bluetooth Multi-function button while device is locked

SIM card lock

Set up SIM card lock

Data encryption

Data encryption
Protect the data on your phone or memory card. Requires screen lock

Passwords

Visible passwords ☑
Show password as you type.

Select & set up a screen lock method.

Set lock timer.

See the passwords you enter.

SCREEN LOCK

To prevent accidental touches, you can make the screen lock when it goes to sleep. Touch Menu ▭ > **Settings**

> **Location & security** > **Change screen lock**, then select the lock type:

- **Pattern lock**—draw a pattern to unlock.
- **PIN**—enter a numeric PIN to unlock.
- **Password lock**—enter a password to unlock.

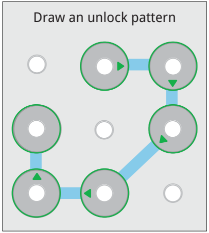
Note: You can make emergency calls on a locked smartphone (see "**EMERGENCY CALLS**" on page 14). A locked smartphone still rings, **but you need to unlock it to answer**.

LOCK PATTERN

To set the lock pattern, touch Menu ☰ > **Settings** > **Location & security** > **Change screen lock** > **Pattern lock**.

Follow the instructions to draw your lock pattern.

When prompted, draw the pattern to unlock the smartphone.



PIN LOCK

To set a PIN, touch Menu ☰ > **Settings** > **Location & security** > **Change screen lock** > **PIN**.

Enter a numeric PIN, then confirm it.

When prompted, enter the PIN to unlock the smartphone.

PASSWORD LOCK

To set the password, touch Menu ☰ > **Settings** > **Location & security** > **Change screen lock** > **Set password**.

Enter a password (up to eight characters), then confirm it.

When prompted, enter the password to unlock the smartphone.

PERSONALISE YOUR LOCK SCREEN

To change your timeout, touch Menu ☰ > **Settings** > **Location & security** > **Security lock timer**. If you don't touch the screen or press any keys for the amount of time you select, the screen locks automatically.

LOCK & UNLOCK

To lock the screen/smartphone:

- Press Power ⏻.
- Let the screen time out (don't press anything).
- Switch off the power.

To unlock the screen/smartphone, press Power ⏻, or touch Home ⌂. Or switch on the smartphone to view the lock screen.

FORGOTTEN YOUR PATTERN OR PASSCODE?

If you forget your pattern or passcode, contact your service provider.

RESET

To reset your smartphone to factory settings and erase all the data on your smartphone, touch Menu > **Settings** > **Privacy** > **Factory data reset** > **Reset phone**.

Warning: All data on your smartphone will be deleted. (Nothing on your memory card is deleted.)

REMOTE WIPE A LOST OR STOLEN SMARTPHONE

Don't you just hate it when your life is on your smartphone and it all goes wrong? Lost, or even worse—stolen! If necessary, you can use your email account on a Microsoft™ Exchange ActiveSync 2007 server to clear the personal data from your smartphone and memory card.

You need to be assigned permissions before you can remote wipe data from your smartphone and memory card. Contact your IT system administrator for the information and permissions you need to perform the remote wipe procedure.

Warning: All downloaded apps and user data on your smartphone and memory card will be deleted.

TROUBLESHOOTING

we're here to help

CRASH RECOVERY

In the unlikely event that your smartphone stops responding to touches and key presses, try a forced reboot—press and hold both Power and the down volume key for 10 seconds.

Product safety & legal

Battery use & safety

The following battery use and safety information applies to all Motorola mobile devices. If your mobile device uses a non-removable main battery (as stated in your product information), details related to handling and replacing your battery should be disregarded—the battery should only be replaced by a Motorola-approved service facility, and any attempt to remove or replace your battery may damage the product.

Important: Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred or otherwise attempt to change the form of your battery.**
- **Don't let the mobile device or battery come in contact with liquids.*** Liquids can get into the mobile device's circuits, leading to corrosion.
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewellery, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your mobile device or battery near a heat source.*** High temperatures can cause the battery to swell, leak or malfunction.
- **Don't dry a wet or damp battery with an appliance or heat source**, such as a hair dryer or microwave oven.

DOs

- **Do avoid leaving your mobile device in your car in high temperatures.***
- **Do avoid dropping the mobile device or battery.*** Dropping these items, especially on a hard surface, can potentially cause damage.*
- **Do contact your service provider or Motorola if your mobile device or battery has been damaged by dropping, liquids or high temperatures.**

*** Note:** Always make sure that the battery compartment and any connector covers are closed and secure to avoid direct exposure of the battery to any of these conditions, even if your product information states that your **mobile device** can resist damage from these conditions.

Important: Motorola recommends you always use Motorola-branded batteries and chargers for quality assurance and safeguards. Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers. To help you identify authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. You should confirm that any battery you purchase has a "Motorola Original" hologram.

If you see a message on your display such as **Invalid battery** or **Unable to charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and try charging it again;
- If the message remains, contact a Motorola authorised service centre.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it also benefits the environment. You can recycle your used batteries in many retail or service provider locations. Additional information on proper disposal and recycling can be found at www.motorola.com/recycling

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling centre or national recycling organisations for more information on how to dispose of batteries.

Warning: Never dispose of batteries in a fire because they may explode.

Battery charging

Notes for charging your product's battery:

- During charging, keep your battery and charger near room temperature for efficient battery charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Third party accessories

Use of third party accessories, including but not limited to batteries, chargers, headsets, covers, cases, screen protectors and memory cards, may impact your mobile device's performance. In some circumstances, third party accessories can be dangerous and may void your mobile device's warranty. For a list of Motorola accessories, visit www.motorola.com/products

Driving precautions

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a mobile device or accessory for a call or other application while driving may cause distraction. Using a mobile device or accessory may be prohibited or restricted in certain areas, always obey the laws and regulations on the use of these products.

While driving, NEVER:

- Type or read texts.
- Enter or review written data.
- Surf the web.
- Input navigation information.
- Perform any other functions that divert your attention from driving.

While driving, ALWAYS:

- Keep your eyes on the road.
- Use a hands-free device if available or required by law in your area.
- Enter destination information into a navigation device **before** driving.
- Use voice-activated features (such as voice dial) and speaking features (such as audible directions), if available.
- Obey all local laws and regulations for the use of mobile devices and accessories in the vehicle.
- End your call or other task if you cannot concentrate on driving.

Remember to follow the "Smart practices while driving" in this guide and at www.motorola.com/callsmart (in English only).

Seizures/blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing videos or games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult your doctor before playing videos or games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour and stop use if you are tired.

Caution about high volume usage

Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears or muffled speech, you should stop listening to the device through your headset or headphones and get your hearing checked.

For more information about hearing, see our website at direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).

Repetitive motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a doctor.

Children

Keep your mobile device and its accessories away from small children. These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Similar to a computer, if a child does use your mobile device, you may want to monitor their access to help prevent exposure to inappropriate apps or content.

Glass parts

Some parts of your mobile device may be made of glass. This glass could break if the product receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service centre.

Operational warnings

Obey all posted signs when using mobile devices in public areas.

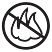
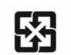
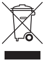
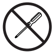
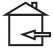
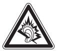
Potentially explosive areas

Potentially explosive areas are often, but not always, posted and can include blasting areas, fuelling stations, fuelling areas (such as below decks on boats), fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install or charge batteries unless it is a radio product type especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA or UL approved). In such areas, sparks can occur and cause an explosion or fire.

Symbol key

Your battery, charger or mobile device may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
 	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
	Do not use tools.
	For indoor use only.
	Listening at full volume to music or voice through a headset may damage your hearing.

Operational restrictions

Wi-Fi operation

If this product supports Wi-Fi 802.11a (see product specifications), the following applies: **Operation is restricted to indoor use only.** This regulatory restriction is to avoid interference with other signals. To be compliant, do not operate this device in Wi-Fi mode when outdoors.

Radio frequency (RF) energy

Exposure to RF energy

Your mobile device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile device, the system handling your call controls the power level at which your mobile device transmits.

Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

RF energy operational precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions:

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its aerial at least 2.5 cm (1 inch) from your body when transmitting.
- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our website at: www.motorola.com.

RF energy interference/compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed or otherwise configured for RF energy compatibility. In some circumstances, your mobile device may cause interference with other devices.

Follow instructions to avoid interference problems

Turn off your mobile device in any location where posted notices instruct you to do so, such as hospitals or healthcare facilities.

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers flight mode or a similar feature, consult airline staff about using it in-flight.

Medical devices

If you have a medical device, including an implantable medical device such as a pacemaker or defibrillator, consult your healthcare provider and the device manufacturer's directions before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimetres (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimise the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

Regulatory information

Your Motorola mobile device is designed to comply with national and international regulatory requirements. For full compliance statements and details, please refer to the regulatory information in your printed product guide.

Location services (GPS & AGPS)

The following information is applicable to Motorola mobile devices that provide location based (GPS and/or AGPS) functionality.

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radionavigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the mobile network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices that are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola and other third parties providing services.

Emergency calls

When you make an emergency call, the mobile network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

Navigation

The following information is applicable to Motorola mobile devices that provide navigation features.

When using navigation features, note that mapping information, directions and other navigational data may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic and all other factors that may impact driving. Always obey posted road signs.

Smart practices while driving

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, hands-free use only may be required. Go to www.motorola.com/callsmart **(in English only) for more information.**

Your mobile device lets you communicate by voice and data, almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial, redial and voice dial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a hands-free device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola original hands-free accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking to aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 999 or another local emergency number in the case of fire, traffic accident or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see an accident, crime in progress, or other serious emergency where lives are in danger, call 999 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or another special non-emergency wireless number (wherever wireless phone service is available).

Privacy & data security

Motorola understands that privacy and data security are important to everyone. Given that some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Use your device's security and lock features, where available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure personal information**—Your mobile device can store personal information in various locations including your SIM card, memory card and phone memory. Make sure you remove or clear all personal information before you recycle, return or give away your device. You can also back up your personal data to transfer to a new device.

  Note: For information on how to back up or wipe data from your mobile device, go to www.motorola.com/myrazr

- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account and how to use security features such as remote wipe and device location (where available).
- **Applications and updates**—Choose your apps and updates carefully and install from trusted sources only. Some apps can impact your phone's performance and/or have access to private information including account details, call data, location details and network resources.
- **Wireless**—For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also, when using your device as a hotspot (where available) use network security. These precautions will help prevent unauthorised access to your device.
- **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones that are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola and other third parties providing services.
- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Use & care

To care for your Motorola mobile device, please observe the following:

liquids

Don't expose your mobile device to water, rain, extreme humidity, sweat or other liquids. If it does get wet, don't try to accelerate drying using an oven or dryer, as this may damage the device.

extreme heat or cold

Don't store or use your mobile device in temperatures below -10°C (14°F) or above 60°C (140°F). Don't recharge your mobile device in temperatures below 0°C (32°F) or above 45°C (113°F).

microwaves

Don't try to dry your mobile device in a microwave oven.

dust and dirt

Don't expose your mobile device to dust, dirt, sand, food or other inappropriate materials.

cleaning solutions

To clean your mobile device, use only a dry soft cloth. Do not use alcohol or other cleaning solutions.

shock and vibration

Don't drop your mobile device.

protection

To help protect your mobile device, always make sure that the battery compartment and any connector covers are closed and secure.

Recycling

Mobile devices & accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets or batteries) with your household waste or in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola approved service centre in your region. Details of Motorola-approved national recycling schemes and further information on Motorola recycling activities can be found at: www.motorola.com/recycling

Packaging & product guides

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

Software copyright notice

Motorola products may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in Motorola products may not be modified, reverse-engineered, distributed or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel or otherwise, any licence under the copyrights, patents or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free licence to use that arises by operation of law in the sale of a product.

Content copyright

The unauthorised copying of copyrighted materials is contrary to the provisions of the copyright laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright or materials that you are authorised or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

Open source software information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.

MOTOROLA MOBILITY, INC.
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA

The Motorola website opensource.motorola.com (in English only) also contains information regarding Motorola's use of open source.

Motorola has created the opensource.motorola.com website to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licences, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please press Menu Key > **Settings** > **About phone** > **Legal information** > **Open source licences**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

How to Obtain Warranty Service or Other Information?

1. Please access and review the online Customer Support section of Motorola Mobility's consumer website prior to requesting warranty service.
2. If the Product is still not functioning properly after making use of this resource, please contact the Warrantor listed at the Motorola website or the contact information for the corresponding location.
3. A representative of Motorola, or of a Motorola Authorized Repair Center, will help determine whether your Product requires service. You may be required to download, or otherwise obtain and accept software updates from Motorola or a Motorola Authorized Repair Center. You are responsible for any applicable carrier service fees incurred while obtaining the required downloads. Complying with the warranty process, repair instructions and accepting such software updates is required in order to receive additional warranty support.
4. If the software update does not fix the problem, you will receive instructions on how to ship the Product to a Motorola Authorized Repair Center or other entity.
5. To obtain service, as permitted by applicable law, you are required to include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) your address and telephone number. In the event the Product is not covered by this Warranty, Motorola will inform the consumer of the availability, price and other conditions applicable to the repair of the Product.

To obtain service or other information, please access and review the online Customer Support section of Motorola's consumer website at www.motorola.com**.**

Copyright & trademarks

www.motorola.com

Certain features, services and applications are network-dependent and may not be available in all areas; additional terms, conditions and/or charges may apply. Contact your service provider for details.

All features, functionality and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

Note: The images in this guide are examples only.

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Caution: Motorola does not take responsibility for changes/modification to the transceiver.

Product ID: MOTOROLA RAZR (Model XT910)
Manual Number: 68016429004

BUSINESS
READY

68016429004